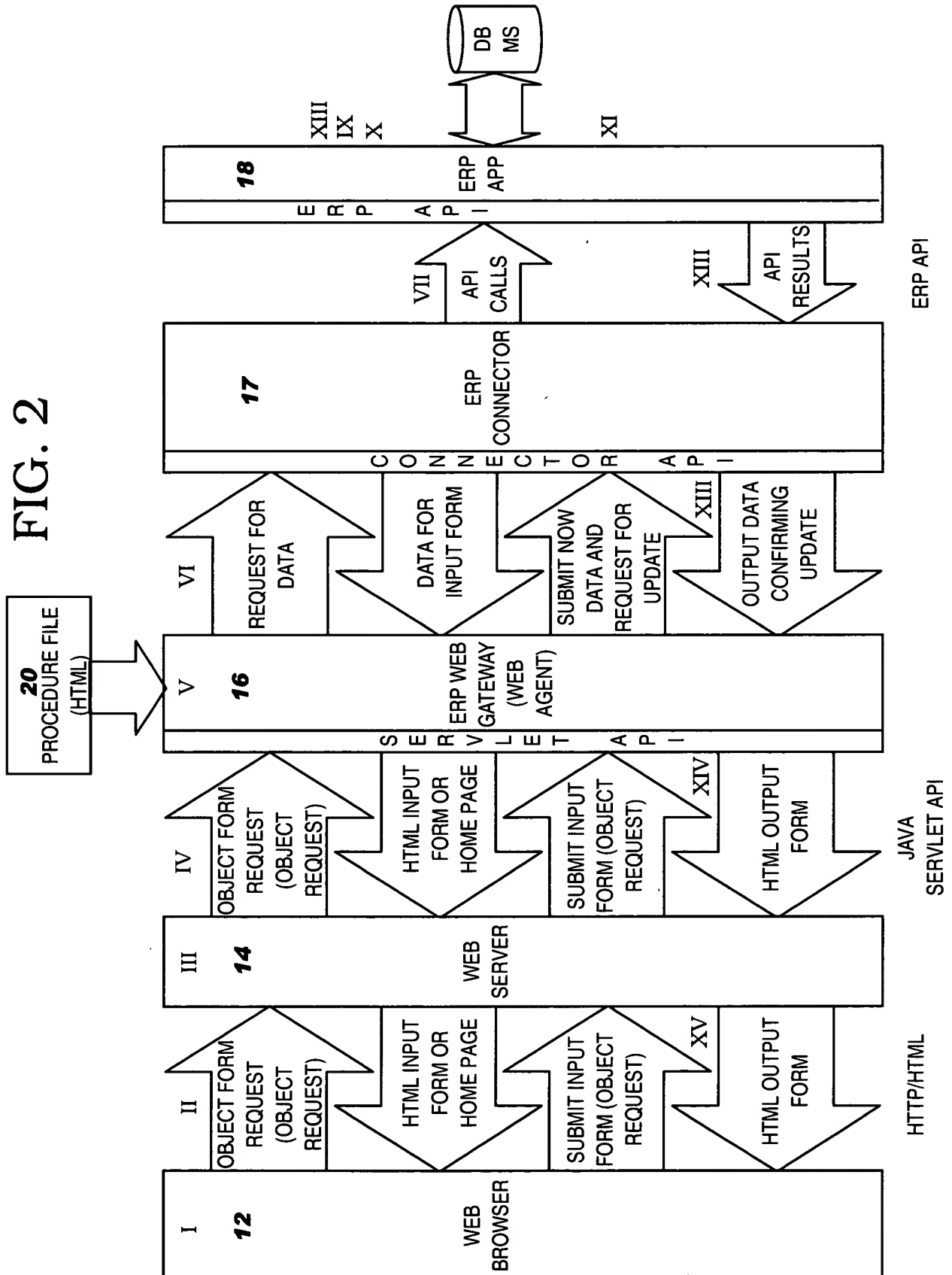




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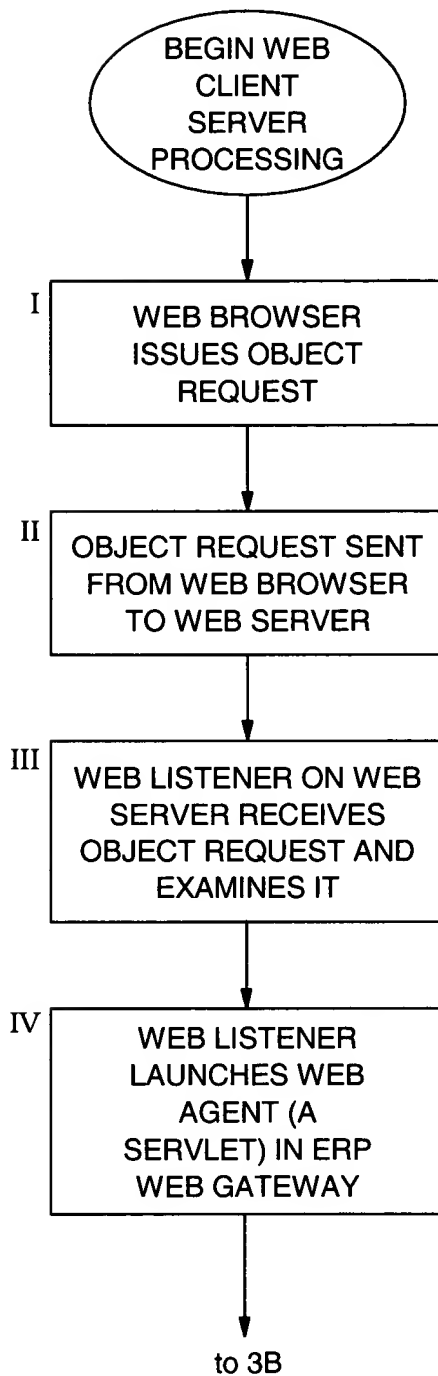
FIG. 2





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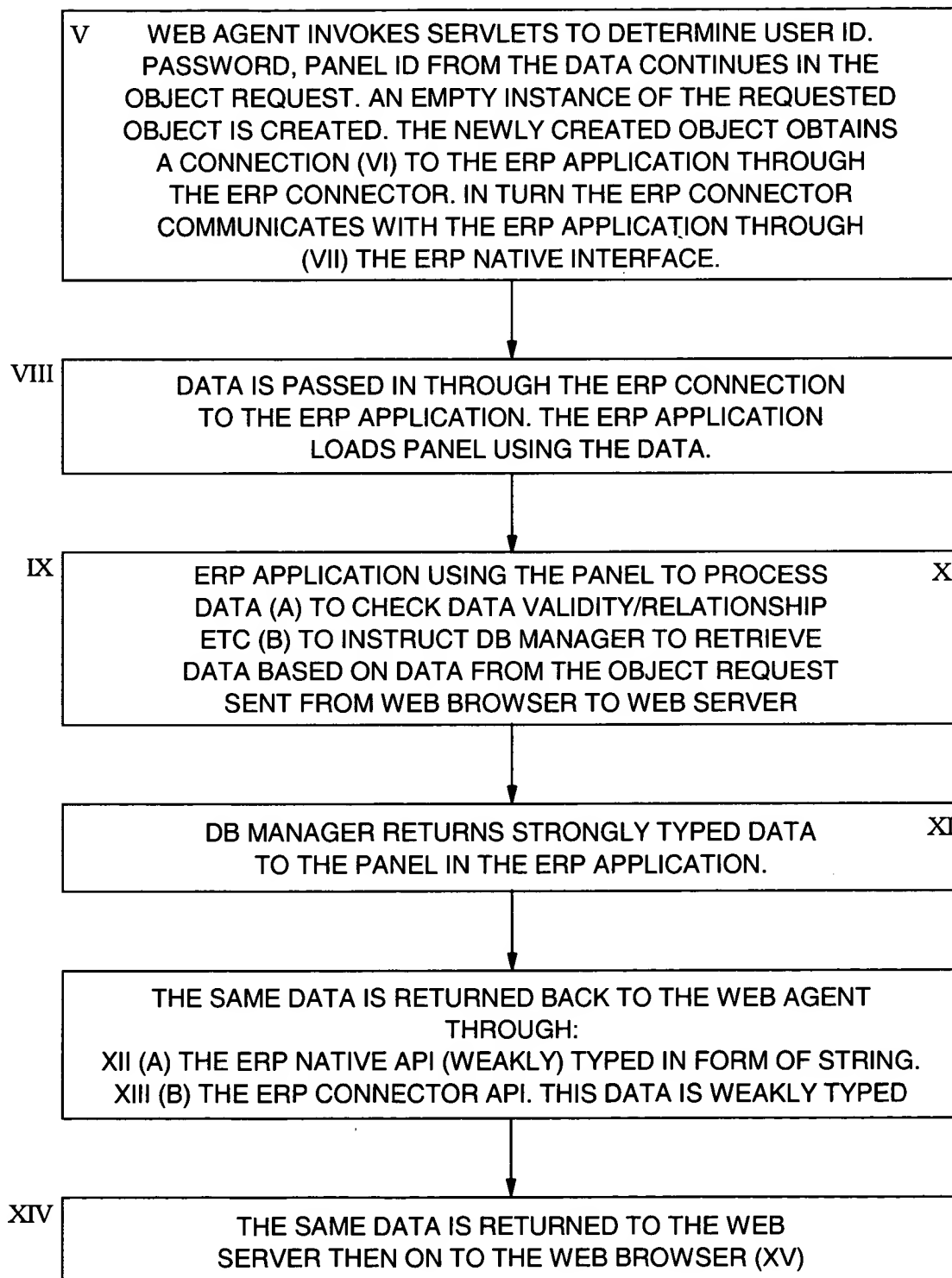
FIG. 3A

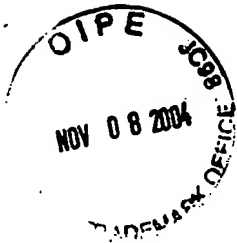




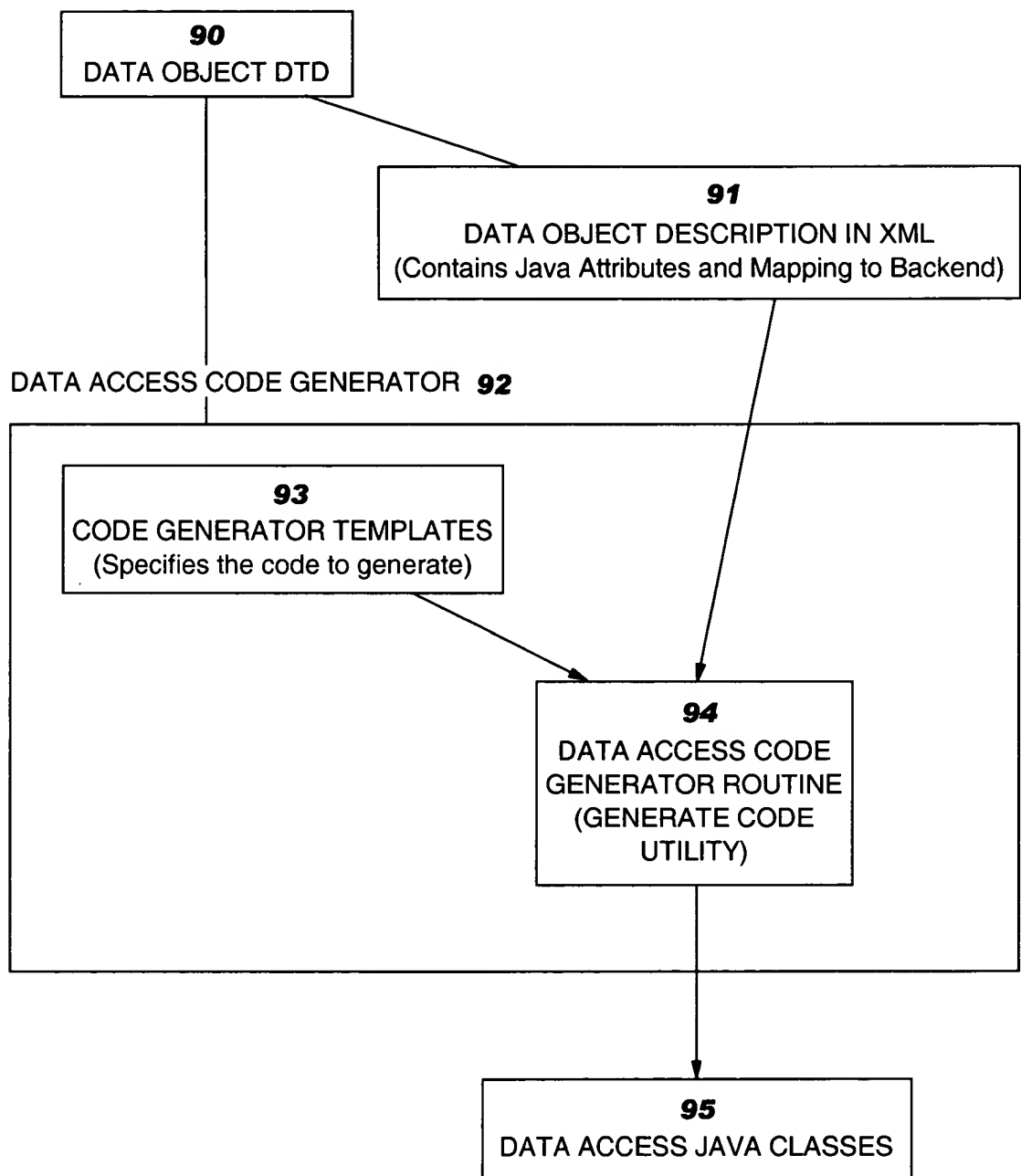
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FIG. 3B



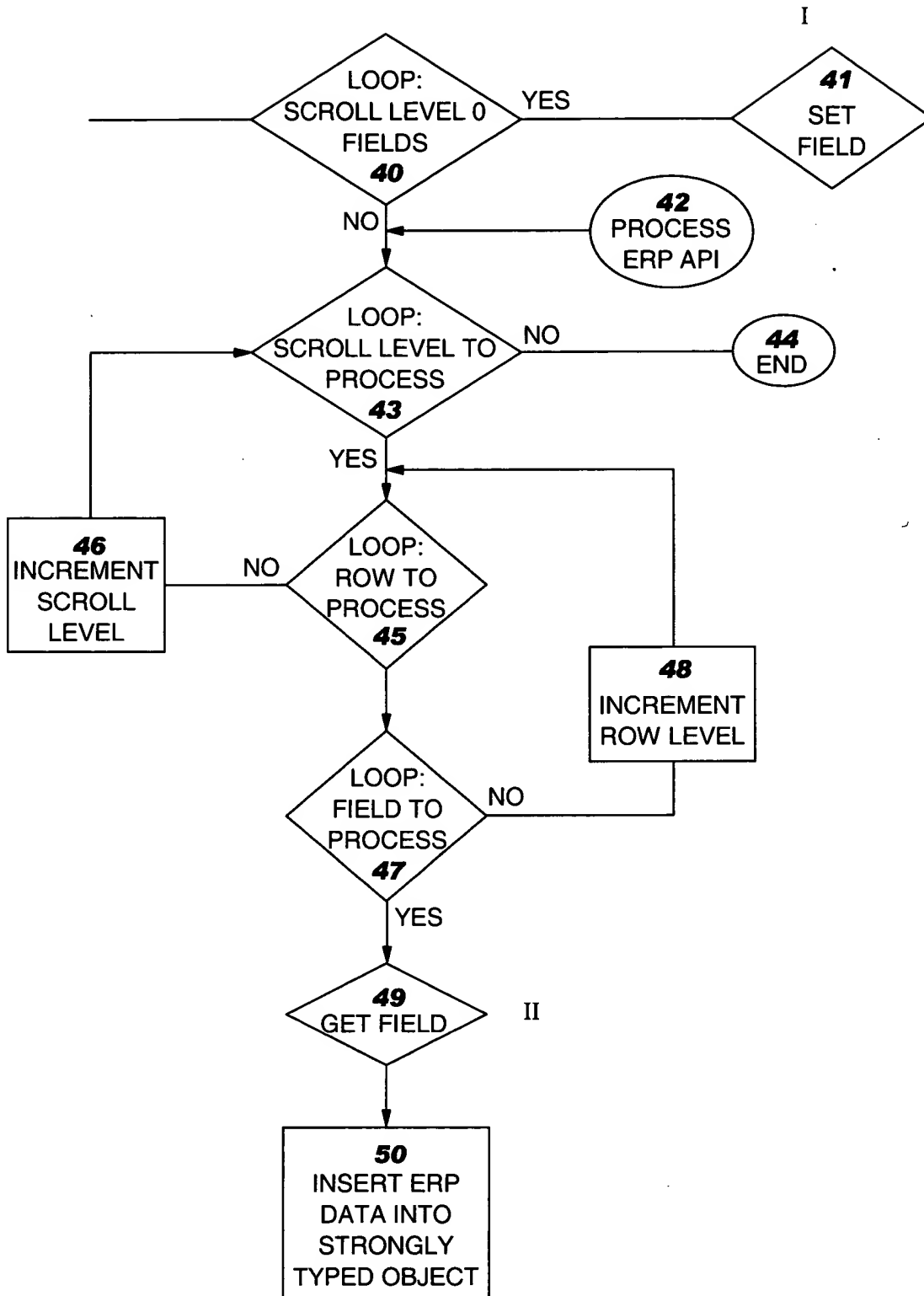


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FIG. 4





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FIG. 5





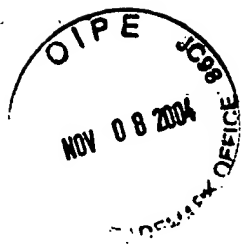
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FIG. 6

STUDENT COURSE LIST

51 FIELD		JOHN SMITH
52 SCROLL LEVEL 1		
53 ROW 1 54 ROW 2	55 FIELD 1	56 FIELD 2
	57 MATH	100
	58 ENGLISH	101

WEAKLY TYPED



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FIG. 7

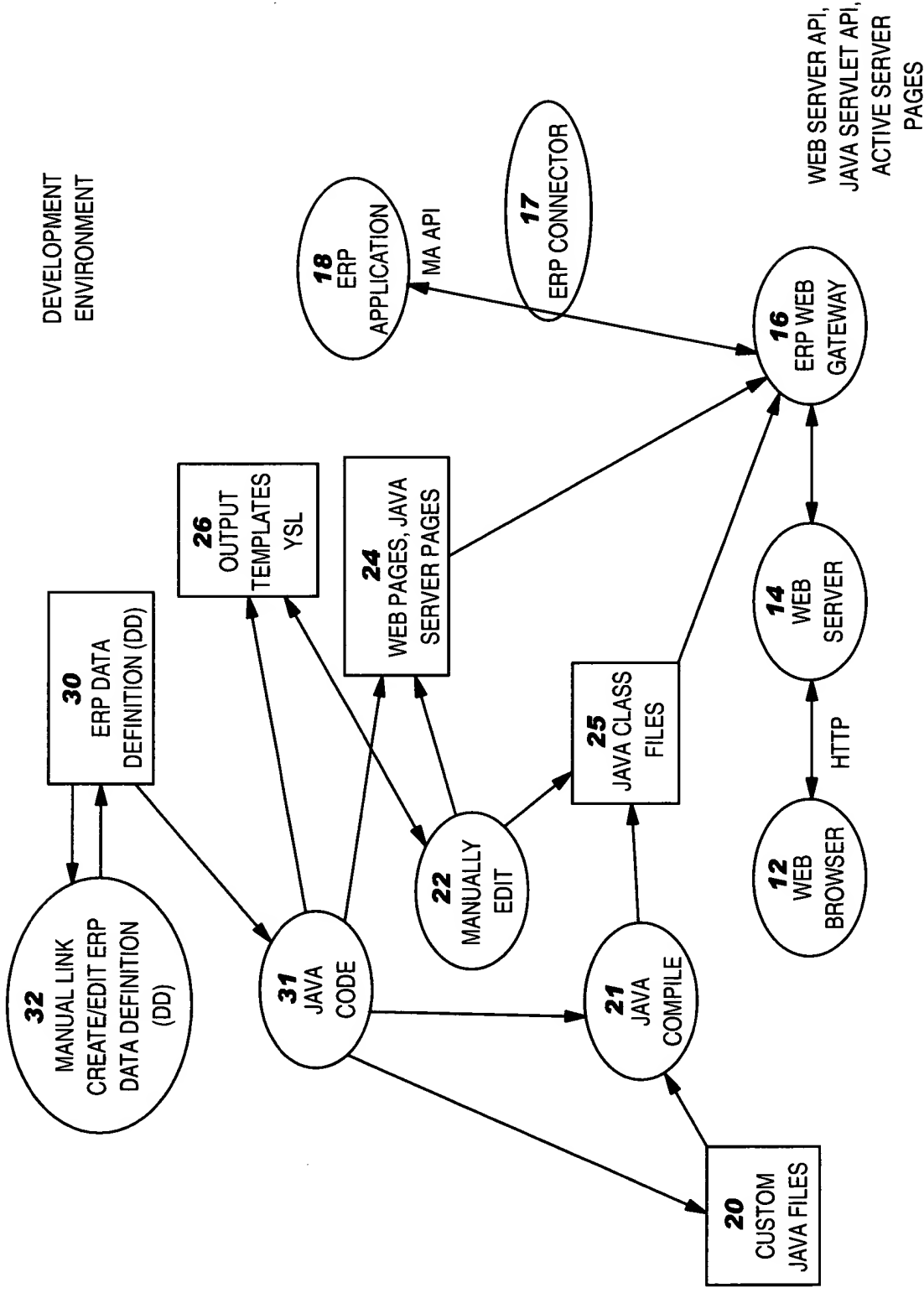
STUDENT COURSE LIST **70**

59 STUDENT NAME	JOHN SMITH
60 COURSE LIST	
COURSE 1 61	
NAME 62	MATH
NUMBER 63	100
COURSE 2 64	
NAME 65	ENGLISH
NUMBER 66	101

STRONGLY TYPED

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FIG. 8



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FIG. 9

DEFINING A SUB-GRAPH OF DATA OBJECTS

